Fig.1

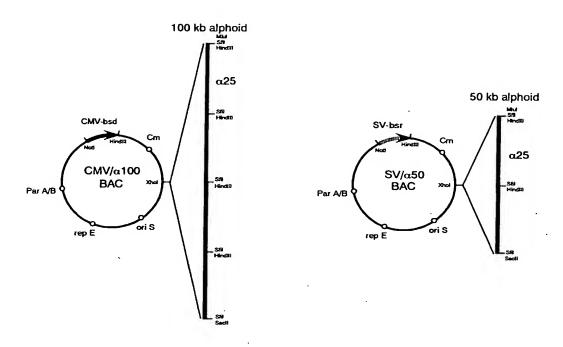
HAC with GCH1		1 (HT/GCH2-10)	1 (HT/GCH5-18)	
nals on	Non	=	-	
Alphoid and BAC signals on	HAC Chromosome	4	6 1	
Alpho	HAC	-	ო	
BS ^r cell lines inspected		16	17	
Input BACs		CMV/α100 BAC +GCH1-BAC	SV/α50 BAC +GCH1-BAC	

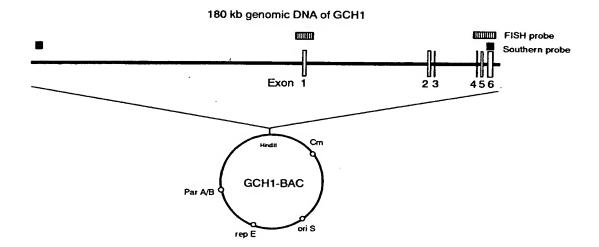
Fig.2

Ratio of increase		15	31	4.8
GCH1 activity (pmol/h/mg protein)	+ EN	0.76±0.03	5.0±0.2	16.5±0.6
	NH -	0.05 ± 0.02	0.16±0.02	3.4±0.2
Cell lines		HT1080	HT/GCH2-10	HT/GCH5-18

P0203102 3/19

Fig.3

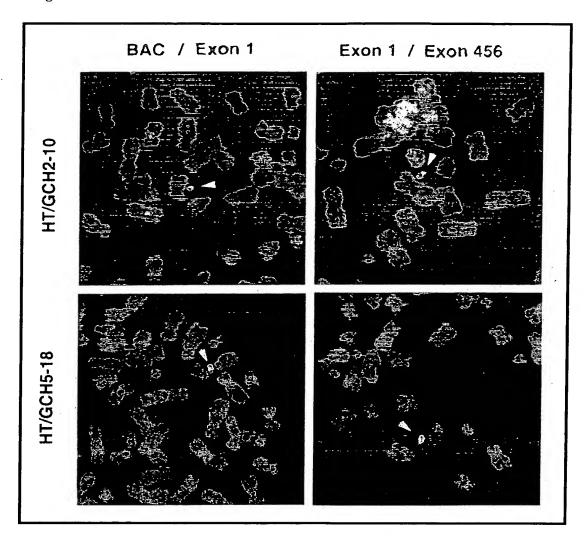




P0203102

4/19

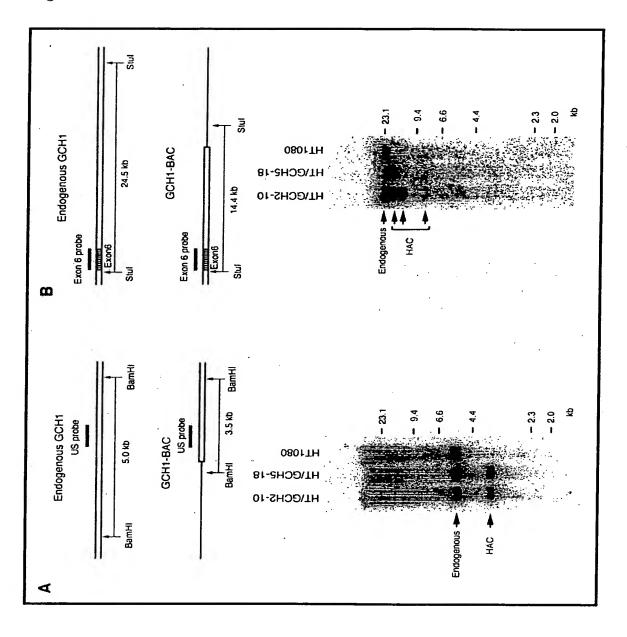
Fig.4

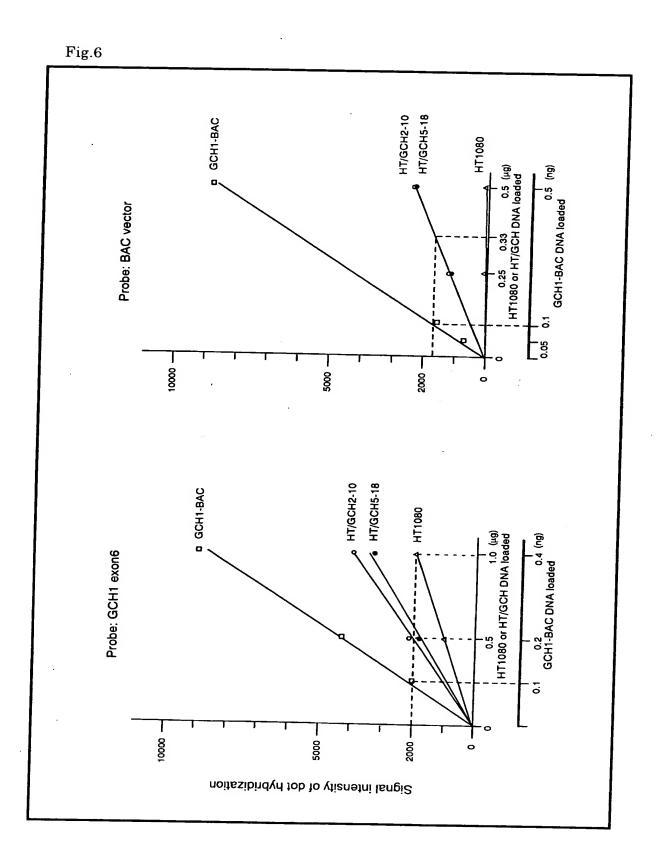


5/19

P0203102

Fig.5

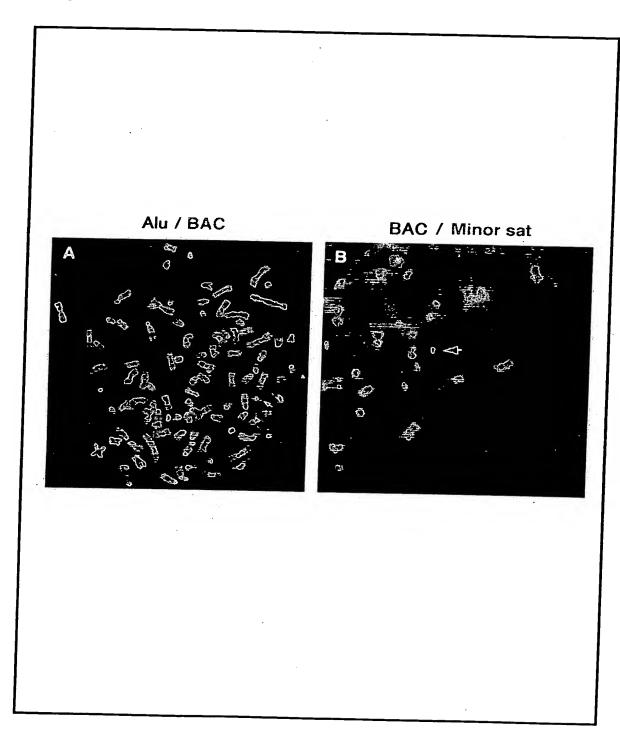




P0203102

7/19

Fig.7

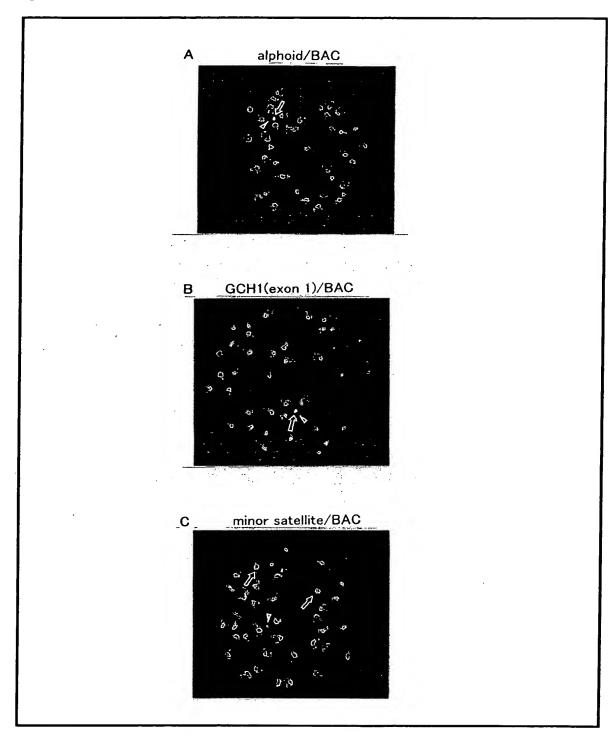


The state of the s

-

P0203102 8/19

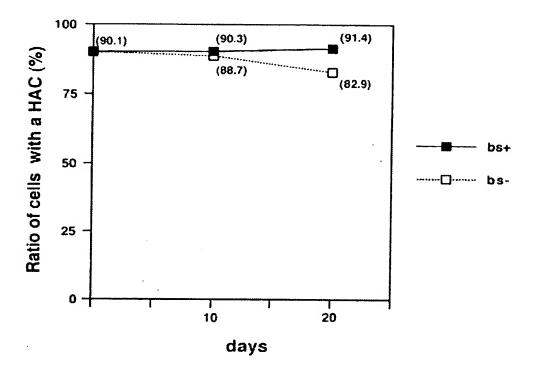
Fig.8



.

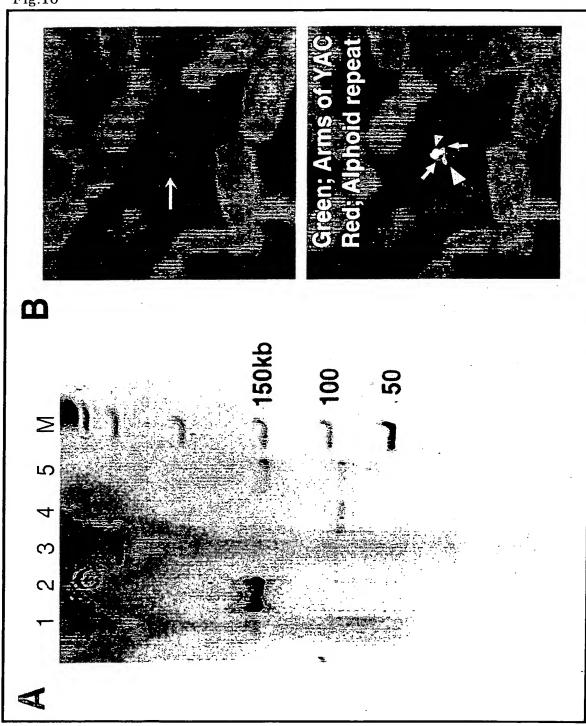
P0203102 9/19

Fig.9



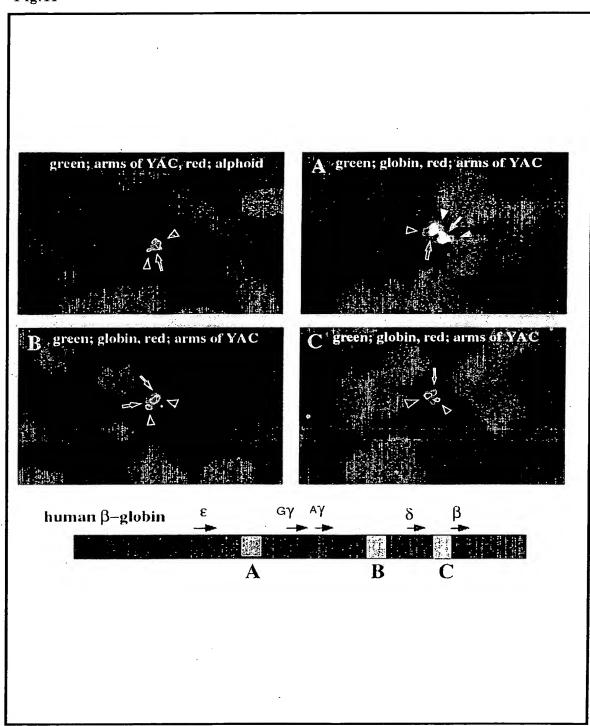
P0203102 10/19





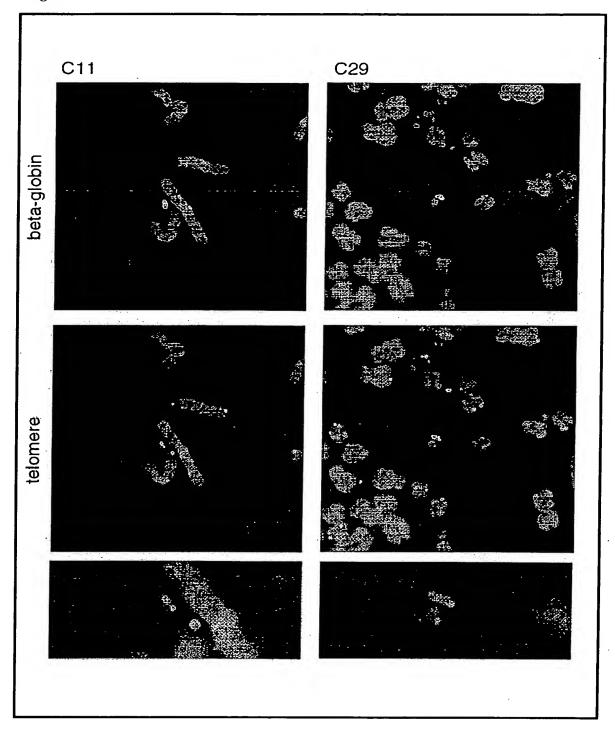
P0203102 11/19

Fig.11



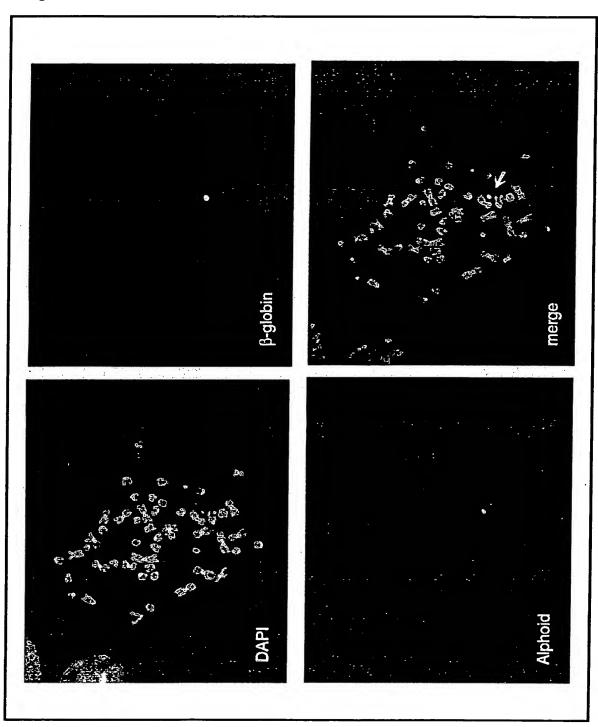
P0203102 12/19

Fig.12



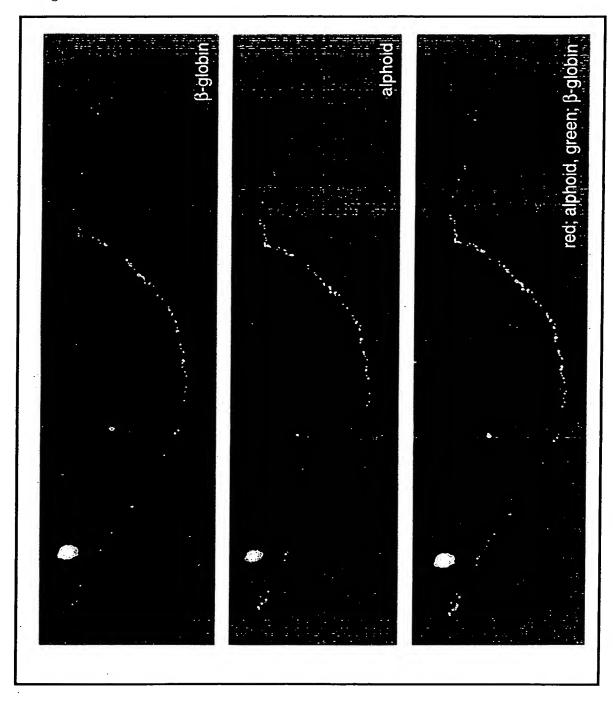
P0203102 13/19

Fig.13



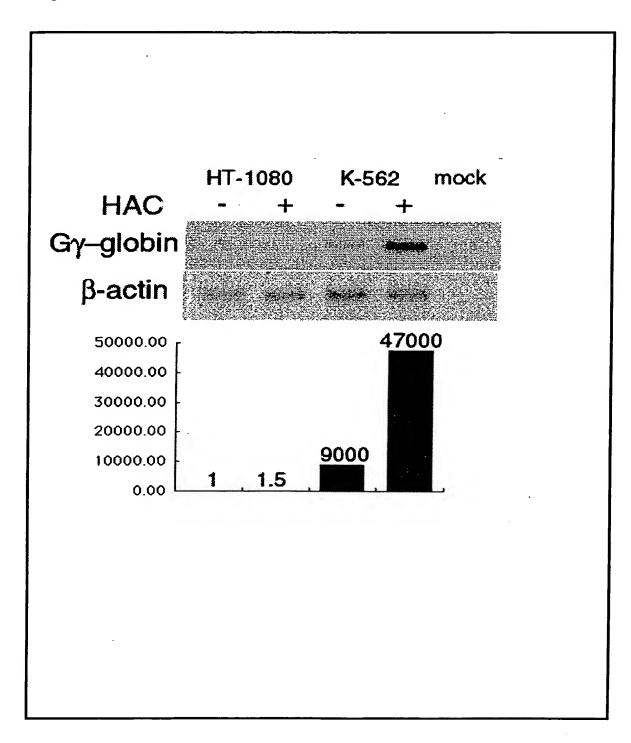
P0203102 14/19

Fig.14



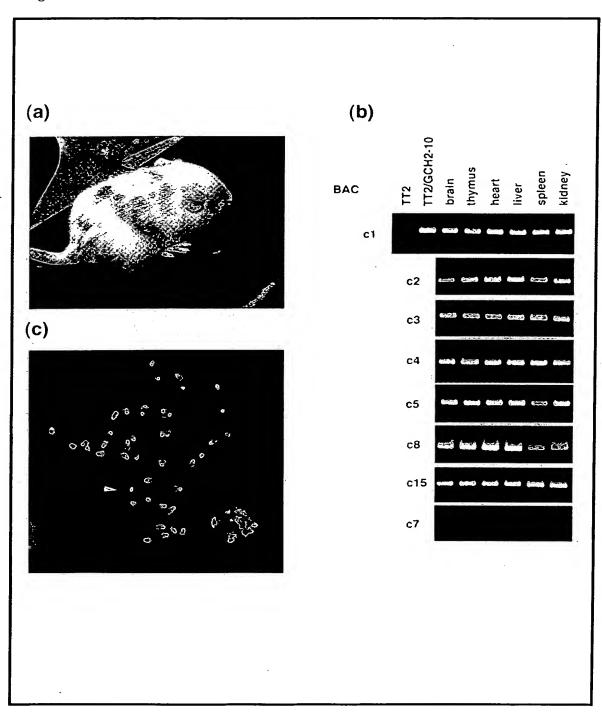
P0203102 15/19

Fig.15



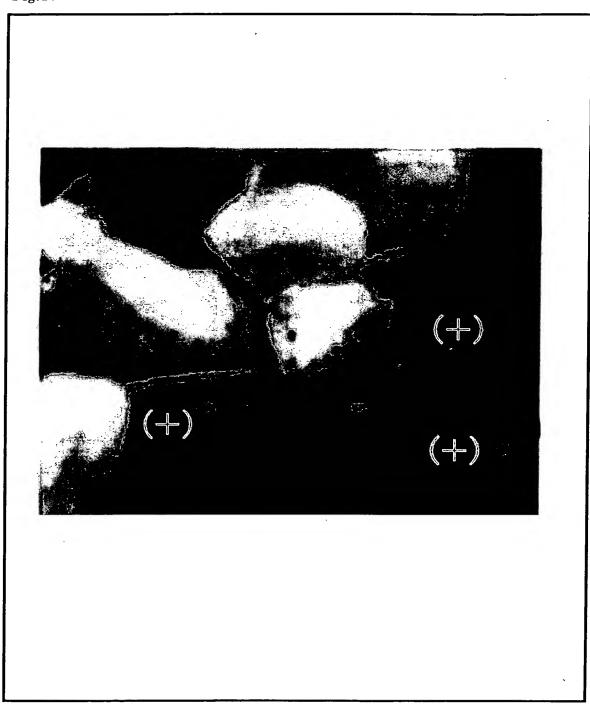
P0203102 16/19

Fig.16



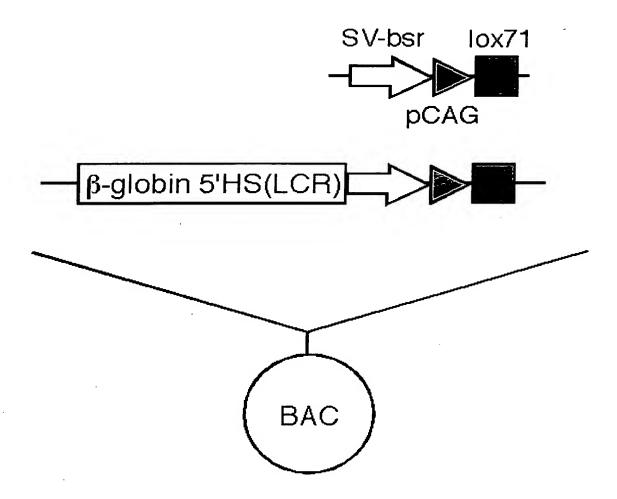
P0203102 17/19

Fig.17



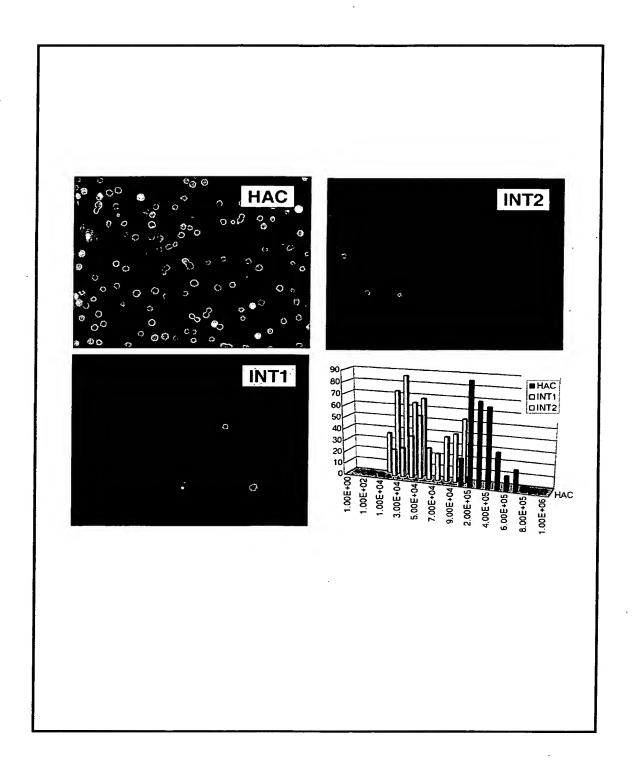
P0203102 18/19

Fig.18



P0203102 19/19

Fig.19



This Page is Inserted by IFW Indexing and Scanning Operations and is not part of the Official Record

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

☐ BLACK BORDERS
☐ IMAGE CUT OFF AT TOP, BOTTOM OR SIDES
FADED TEXT OR DRAWING
☐ BLURRED OR ILLEGIBLE TEXT OR DRAWING
☐ SKEWED/SLANTED IMAGES
. COLOR OR BLACK AND WHITE PHOTOGRAPHS
☐ GRAY SCALE DOCUMENTS
LINES OR MARKS ON ORIGINAL DOCUMENT
☐ REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY
OTHER.

IMAGES ARE BEST AVAILABLE COPY.

As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.